

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/777,848  
Applicants: Olivier BRAUN, et al.  
Filed: February 12, 2004  
Title: Novel cationic thickeners, method for their preparation, and composition containing them  
TC/A.U. 1713  
Examiner: Helen Lee Pezzuto  
Docket No.: Serie 6104  
Customer No.: 000040582

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
P.O. Box 1450  
Washington, D.C. 20231

Dear Sir:

Enclosed please find a completed PTO form 1449 citing references submitted for consideration during examination of the above referenced patent application. Copies of the non-US patent references cited on the attached PTO-1449 are enclosed. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Under 37 C.F.R. 1.17(p), the Commissioner is hereby authorized to charge Deposit Account 01-1375 in the amount of **\$180.00** for the submission of this Information Disclosure Statement. A duplicate copy of this sheet is attached.

Respectfully submitted,

Linda K. Russell, Reg. No. 34,918

Date: **December 3, 2004**

Air Liquide  
Intellectual Property Department  
2700 Post Oak Boulevard, Suite 1800  
Houston, Texas 77056  
(713) 624-8956 Phone – (713) 624-8950 Fax

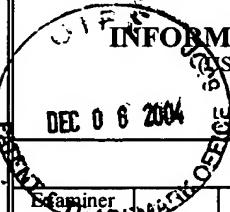
CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 3<sup>rd</sup> day of December, 2004.

  
Diana Guzman

12/07/2004 SSITHIB1 00000166 011375 10777848

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 <p><b>INFORMATION DISCLOSURE CITATION</b> (USE SEVERAL SHEETS IF NECESSARY)</p>				ATTY. DOCKET NO. <b>Serie 6104</b>		SERIAL NO. <b>10/777,848</b>	
				APPLICANT(S) <b>Olivier BRAUN, et al.</b>			
				FILING DATE <b>February 12, 2004</b>		GROUP <b>1713</b>	

U.S. PATENT DOCUMENTS							
Examiner Initial	A1	Document Number	Date	Name	Class	Subclass	Filing Date
		US 2002 0032243 Equivalent: FR 2 810 883	3/14/2002	Tabacchi et al.			
		A2 US 4 806 345	2/21/1989	Bhattacharyya			
		A3 US 5 100 660	3/31/1992	Hawe et al.			
		A4 US 6 136 305 Equivalent: FR 2 721 511	10/24/2000	Michel-Lecocu et.al.			
		A5 US 6 197 287 B1 Equivalent: FR 2 774 688 and FR 2 782 086	3/06/2001	Mallo et al.			
		A6 US 6 346 239 B1 Equivalent: FR 2 787 457	2/12/2002	Mallo et al.			
		A7 US 6 375 959 B1 Equivalent: FR 2 774 996	4/23/2002	Mallo et al.			

FOREIGN PATENT DOCUMENTS							
	B1	Document Number	Date	Country	Class	Subclass	Translation Yes No
		EP 0 161 038 Equivalent: FR 2 789 395	11/13/1985	Europe			
		B2 FR 2 721 511 Equivalent: US 6 136 305	12/29/1995	France			
		B3 FR 2 773 805 Equivalent: US 6 197 287 B1	7/23/1999	France			
		B4 FR 2 774 688 Equivalent: US 6 197 287	8/13/1999	France			
		B5 FR 2 774 996 Equivalent: US 6 375 959 B1	8/20/1999	France			
		B6 FR 2 782 086 Equivalent: US 6 197 287 B1	2/11/2000	France			
		B7 FR 2 785 801	5/19/2000	France			
		B8 FR 2 786 493 Equivalent: WO 00 32639	6/02/2000	France			
		B9 FR 2 787 457 Equivalent: US 6 346 239 B1	6/23/2000	France			
		B10 FR 2 789 395 Equivalent: EP 0 161 038	8/11/2000	France			
		B11 FR 2 794 034	12/01/2000	France			
		B12 FR 2 794 124	12/01/2000	France			
		B13 FR 2 808 446	11/09/2001	France			
		B14 FR 2 808 447	11/09/2001	France			
		B15 FR 2 810 883 Equivalent: US 2002 0032243	1/04/2002	France			
		B16 WO 00 32639 Equivalent: FR 2 786 493	6/08/2000	PCT			

<b>INFORMATION DISCLOSURE CITATION</b> (USE SEVERAL SHEETS IF NECESSARY)				ATTY. DOCKET NO. <b>Serie 6104</b>	SERIAL NO. <b>10/777,848</b>
				APPLICANT(S) <b>Olivier BRAUN, et al.</b>	
				FILING DATE <b>February 12, 2004</b>	GROUP <b>1713</b>
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)					
Examiner				Date Considered	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180)

## Complete if Known

Application Number 10/777,848  
Filing Date February 12, 2004  
First Named Inventor Olivier BRAUN  
Examiner Name Helen Lee Pezzuto  
Art Unit 1713  
Attorney Docket No. Serie 6104

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

01-1375

American Air Liquide, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

			Extra Claims		Fee from below	Fee Paid
Total Claims	33	- 44 =	0	X	18	= 0
Independent Claims	1	- 3 =	0	X	88	= 0
Multiple Dependent						

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0)

\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180)

## SUBMITTED BY

Name (Print/Type) Linda K. Russell Registration No. 34,918 Telephone (713) 624-8956  
Signature [Signature] Date Dec. 3, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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